Amalgamated costs considerably below ten cents per pound, but a greater saving will be made for some of the Amalgamated mines when the new Belmont shaft is completed used for operating many of the big mines on the Anaconda hill. The Belmont shaft is situated nearly two miles south of the shafts of the Anaconda, Neversweat and St. Lawrence mines of the Anaconda Company. The main understand work. company. The main underground workings of these mines extend to and beyond the Belmont, and it requires little computation to realize the great saving that will make when everything in supplies and ore can be handled through the Belmont shafts. At present all fuel and supplies have to be tauled up, the hill for saveral miles. auled up the hill for several miles by team, and then all the ore must be hauled steam, and then all the ore must be hauled down again after it has been trammed underground for a mile or two to the hill shafts. A new shaft is also being sunk at the Gagnon mine, an Amalgamated property, and that will serve to effect a large saving at that mine in operating expenses.

The North Butte will in six months have two working shafts in place of one, as at tweether. It is still turning out copper at a treasure. resent. It is still turning out copper at cents or less per pound, and this will robably continue while the high average f ore value is maintained. Some of the Amalgamated mines are producing copper at 9 cents, but several cost as high as 13 nts. The Anaconda group run between and 10 cents. Butte Coalition copper, it estimated, costs about \$% cents a pound. rdinary expense in development work ver since its organization. In all likelihood cost rate will fall to 8 cents when there as ceasation of the extraordinary work.

Among the high cost producers are Pittsburg and Montana and the Original Mining
Company, the latter owned by W. A. Clark.

The public is not much interested in the lark mines, except as their operation is elated to other mines. Clark's companies ave few stockholders outside of the Clark smily, and it is difficult to obtain informa-

lone Pine vein has been encountered in the have few asockholders outside of the Clark interest in concerning the properties. However, the was stated some time ago by that vein the control occurring the properties. However, the was stated some time ago by that vein the panel period the Clark mines where he old workings, where relo are was the control period the Clark mines where the hand to a company from the period the Clark mines where the hand to a company from the hand to a company from the period the Clark mines where the hand to a company from the hand to a company from the period the Clark mines where the hand to a company from the period the Clark mines where the hand to the period the control occurred to the control occurred to the control occurred to the period to the payment of taxes and part paying the period to the payment of taxes and part paying the period to the payment of taxes and part paying the period to the payment of taxes and part paying the period to the payment of taxes and part paying the period to the payment of taxes and part paying the period to the payment of taxes and part paying the period to the payment of taxes and part paying the period to the payment of taxes and part paying the period to the payment of taxes and part paying the period to the payment of taxes and part paying the period to the payment of taxes and part paying the period to the payment of taxes and part paying the period to the payment of taxes and part paying the period to the payment of taxes and part paying the period taxes are paying the period taxes the paying the paying the period taxes the paying the period taxes the paying the period taxes the paying the paying the paying taxes the paying ta

burg district at a depth of 125 feet, where a drift has been extended along the vein. A big body of ore is being developed and numerous assays have been made, none lower than \$17 a ton and many as high as \$73 a ton. The company is a Montana corporation, capitalized for \$00,000 shares of the each.

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The Miner and Section of New Yerk and Beaton Company.

The Miner and Mountain Minine Company.

The Miner Mountain Minine

CHEAPENING BUTTE COPPER

feet ere and ledge metter are found, with the opposite wall not in sight.

Articles of incorporation of the Idaho-Mostana Gold Mining Company have been and Spokane. The company have been det with the Secretary of State by residents of Kalamazoo, Mich., Greer. Idaho, and Spokane. The company has large holdings of placer ground in the Emigrant of a strike on the Ididderat was attracting a strike. The pay had been located on one claim, where they are placer grounds in Idaho.

Bones. Aug. 81.—A large force of men has been put at work in the Big Glant mine. Back Hornes district. The company has a sire has been put at work in the Big Glant mine. Settles on the Valdez and Cache Creek districts of production about one-third of a cent per pound, there still remain several other plans to be introduced for the reduction of cost. Electric power will reduce to cost of production about one-third of a cent per pound, there still remain several other plans to be introduced for the reduction of cost. Electric power will reduce the cost of production about one-third of a cent per pound, there still remain several other plans to be introduced for the reduction of cost. Electric power will reduce the cost of production about one-third of a cent per pound, there still remain several other plans to be introduced for the reduction of cost. Electric power will reduce the cost of production about one-third of a cent per pound, there still remain several other plans to be introduced for the reduction of cost. Electric power will reduce the cost of production about one-third of a cent per pound, but a greater saving will be ready for crushing in about a week, with a large supply of gold ere on the summer with a Keystone drill and found a cent per pound, but a greater saving will be ready for crushing in about the summer with a Keystone drill and found a cent per pound, but a greater saving will be ready for crushing in about the per pound. The Black Hornet district, and in Black Hornet district.

The Black Hornes

COLORADO

COLORADO SPRINGS, Sept. 1.—The American Eagle mine on Bull Hill, Cripple Creek, is in ore carrying \$1,000 a ton. It is coming from 100 feet below the Bankers-Grouse vein, from a seam widening from knife blade to eight inches.

The Nellie K. Gold Mining, Milling and Leasing Company, \$200,000 capital, has incorporated, with W. W. King president and E. Sweetzer secretary-treasurer, to take the Nellie K., Sidney H., and Bartlette Nos. I and 2 lode mining claims and Nellie K. mill site, Cripple Creek. Much low grade ore has been exposed.

The Vindicator Gold Mining Company, Cripple Creek, is drifting on the No. 3

PORPHYRIES

WAS ARREST TORKS

The Gusiasco Mining and specing Company has taken over a number of mines in the Alamos district.

BISBEE, Aug. 31.—The recent sale by the Warrior Copper Company to Hovland & Smith of all its properties in the Globe district for \$1,250,000 is one of the biggest mining transactions that has taken place in Arizona for some time. It is announced that the purchasers will organize a company with a capital stock of \$2,500,000 to operate the mines. The transaction involves sixty-four claims, with 1,200 acres in all. There are three groups of claims, the Black Warrior, the Lost Guich and the Continental. The Black Warrior mine has been a steady producer for more than four years. Its present daily output is about 100 tons of ore, assaying 10 to 11 per cent. copper. The ore body now exposed is 700 feet long, 150 feet deep and 60 feet wide. Considerable development has been made upon the other two mines.

A crosscut is to be run from the 500 foot level in the Gold Bug mine, in the Kingman district to reach the vein.

The Ray Comsolidated Copper Company is extending its standard gauge railroad in the Kelvin district preparatory to renewed activity in its mines.

A large ore body was recently encountered in the Alvarado mine, in the Prescott district. The ore averages \$28 gold to the ton besides good copper values.

J. M. McKenzie and associates have purchased the Buster group of mines in the Prescott district. The ore averages \$28 gold to the ton besides good copper values.

J. M. McKenzie and associates have purchased the Buster group of mines in the Kingman district, have passed into the control of E. L. Godbe, who is organizing a company.

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A fire that caused a loss, estimated by the police at \$15,000, occurred yesterday morning in the paper warehouse of Maurice O'Meara at 22 Cherry street. The warehouse was next door to a boarding stable, where the horses of the patrol The warehouse was next door to a boarding stable, where the horses of the patrol wagon of the Cak street station are kept. A policoman going to the stable at 8 e'clock to get the patrol wagon saw smoke coming from the warehouse and sent in the alarm. The contents of the warehouse were entirely destroyed. There were thirty-eight horses in the boarding stable and they were taken out with little trouble. The firemen kept the flames confined to the paper warehouse.

List of Referees. The following is a list of referees appointed in cases in the Supreme Court lest week:

By Justice Amend By Justice Amend.

Rejerees.

John A. McEveety.

By Justice Amend
Cases.
Reibstein vs. Weber. John A. McEveety.
Am. Baptist Home Mission
Society vs. Am. Baptist
Missionary Union John J. Walsh.
Whitney vs. Uhicider. A. Mitchell Lesile.
Healy vs. Heely. Edward S. Clinch.
Montacue vs. Groge. Charles L. Denks.
Butler vs. Builer. Lorenz Ullo.
Goldstein vs. S nith. Arthur D. Truax.
By Justice Gegerich. Adriatic. Sauthampton Sept. 1
San Glevanni Palermu. Aug. 25
Codientea. Barbados. Sept. 1
San Glevanni Palermu. Aug. 25
Codientea. Barbados. Sept. 1
San Glevanni Palermu. Aug. 25
Codientea. Barbados. Sept. 1

Lusitania. Sept. à l'Campania. Sept. Lusitania. Sept. il l'Caronia. Sept. il Caronia. Sept. Mauretania. Sept. il l'Caronia. Sept. Mauretania. Sept. il Lusitania. Sept. MAURETANIA. LUSITANIA. Largest, Fasteat Steamsnipa Alloak. Sail Wednesdays.

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Kronprinz Wm. Sept. 16 [K. Wilhelm II. Sept. 28
PLYMOUTH—CHERBOURG—BREMEN.
Twin Screw Sallings Thursdays at 10 A. M.
Washington. Sept. 16 [K. Wilhelm II. Sept. 28
PLYMOUTH—CHERBOURG—BREMEN.
Twin Screw Sallings Thursdays at 10 A. M.
Washington. Sept. 16 [Fr.edrich D. Gr.. Sept. 37
Bremen. Sept. 16 [Fr.edrich D. Gr.. Sept. 37
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